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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **SLIEB229**  
First Inventor **Herschel STERNLIEB**  
Title **Apparatus ... Shaped Orifice**  
Express Mail Label No **EU 161694119 US**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application  
Comm'r for Patents - P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **44**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]
5. Oath or Declaration [Total Pages **2**]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: **09, 902,050**

Prior application information: Examiner **Amy Vanatta**

Group Art Unit: **3765**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name **Charles F. Seyboldt**  
Address **19 Ridgeview Drive**  
City **Standish** State **Maine** Zip Code **04084**  
Country **USA** Telephone **207-893-0352** Fax **Same**

Name (Print/Type) **Charles F. Seyboldt** Registration No. (Attorney/Agent) **41,304**  
Signature **Charles F. Seyboldt** Date **Nov 12, 2003**

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15535 U.S. PTO  
10/706261



# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) **770.00**
**Complete if Known**

Application Number	
Filing Date	November 12, 2003
First Named Inventor	STERNLIEB, Herschel
Examiner Name	
Group Art Unit	
Attorney Docket No.	SLIEB229

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

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☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below except for the filing fee to the above - identified deposit account.

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 770.00)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** = 0	X	-0-
1	-3** = 0	X	-0-
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\* or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Charles F. Seyboldt	Registration No. (Attorney/Agent)	41,304	Telephone	207.893.0352
Signature	<i>Charles F. Seyboldt</i>	Date	12 Nov 2003		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Herschel STERNLIEB

Serial No:

Group No:

For: APPARATUS FOR HYDROENHANCING FABRICS  
USING A SHAPED ORIFICE

Commissioner of Patents and Trademarks  
Washington D.C. 20231

EXPRESS MAIL CERTIFICATE UNDER 37 C.F.R. 1.10

"Express Mail" mailing Label No.: EU 16194119 US

Date of Deposit:

November 12, 2003

I hereby certify that the attached correspondence comprising:

- (1) U.S. UTILITY PATENT APPLICATION AND DRAWINGS.
- (2) UTILITY PATENT TRANSMITTAL.
- (3) COPY OF DECLARATION FOR U.S. PATENT APPLICATION.
- (4) APPLICATION DATA SHEET.
- (5) POWER OF ATTORNEY FOR U.S. PATENT APPLICATION.
- (6) STATEMENT UNDER 37 CFR 3.73(b) (FORM PTO/SB/96).
- (7) FEE TRANSMITTAL FORM - (2) COPIES.
- (8) APPLICANT'S PAYMENT FOR THE OFFICIAL FILING FEES.
- (9) DOMESTIC RETURN RECEIPT.
- (10) ACKNOWLEDGEMENT OF RECEIPT POSTCARD.

is being deposited in a single envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to:

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Charles F. Seyboldt

(Name of person mailing paper)



(Signature of person mailing paper)

Charles F. Seyboldt  
19 Ridgeview Drive  
Standish, Maine 04084  
(207) 893-0352

File Ref:HS/SHAPED ORIFICE/CMail/01(SLIEB285).

The following papers were received in the  
United States Patent and Trademark Office:

Applicant: STERNLIEB, Herschel et al Agent: C.F. Seyboldt

Title: APPARATUS FOR HYDROENHANCING FABRICS  
USING SHAPED ORIFICE

Serial No.:

Filing Date:

- U.S. Utility Patent Application And Drawings.
- Utility Patent Transmittal.
- Copy of Declaration from Parent Patent Application.
- Power of Attorney & Statement under 37 CFR 3.73(b).
- Fee Transmittal Form - (2) Copies.
- Applicant's Payment for the Official Filing Fee.

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		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, March 2001 Domestic Return Receipt		DIVISIONAL APPLICATION APPARATUS ... SHAPED STERNLIEB 102595-01-M-1424	